

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A door locking system comprising:
~~an assembly including a latching structure having a first engagement surface and a first overlap surface undercut feature;~~
~~a door movably coupled to the assembly, the door including a latch member having a second engagement surface and a second overlap surface undercut feature for engagement with the first undercut feature, the door having a closed position in which the first engagement surface at least partially contacts the second engagement surface and the first and second undercut features are engaged so that the door is latched to the assembly the first overlap surface at least partially overlaps the second overlap surface, the second engagement surface required to move beyond the first engagement surface in order to close and open the door; and~~
~~a movable member capable of generating a force against at least one of the assembly and the door to press together and substantially prevent disengagement of the first engagement surface and the second engagement surface for applying a force to maintain engagement of the first undercut feature of the assembly with the second undercut feature of the door to keep the door latched.~~

Claims 2-3 (canceled).

Claim 4 (currently amended): The door locking system according to claim 1, wherein the latch member includes a post extending from the door, the post including the second engagement surface undercut feature.

Claim 5 (currently amended): The door locking system according to claim 1, wherein the latch member includes a handle for operating the latch, the handle capable of pivoting to control alignment of the second engagement surface undercut feature with the first undercut feature.

Claim 6 (currently amended): The door locking system according to claim 5, wherein the handle is substantially incapable of pivoting when the first engagement surface undercut feature is engaged with the second engagement surface undercut feature and the movable member is generating applying the force against one of the door and the assembly.

Claim 7 (currently amended): The door locking system according to claim 1, wherein the movable member is capable of generating applying a continuous force against ~~the~~ at least one of the assembly and the door.

Claim 8 (original): The door locking system according to claim 1, wherein the movable member is coupled to one of the door and the assembly.

Claim 9 (original): The door locking system according to claim 1, wherein the movable member is positioned between the door and a surface of the assembly.

Claim 10 (original): The door locking system according to claim 1, wherein the movable member is an expandable member.

Claim 11 (original): The door locking system according to claim 10, wherein the expandable member is a bladder.

Claim 12 (original): The door locking system according to claim 1, further including a pneumatic circuit for controlling the movable member.

Claims 13-17 (canceled).

Claim 18 (currently amended): The door locking system according to claim 1, wherein the movable member ~~contacts the~~ is operably coupled to contact at least one of the assembly and the door.

Claim 19 (currently amended): The door locking system according to claim 1, further comprising an element positioned between the movable member and ~~the~~ at least one of the assembly and the door, wherein the movable member ~~contacts~~ is operably coupled to contact the element when ~~generating~~ applying the force.

Claim 20 (original): The door locking system according to claim 19, wherein the element is a pump cassette.

Claim 21 (currently amended): A door locking system comprising;
an assembly having a first engagement means;

a door movably coupled to the assembly, the door including a second engagement means ~~for engaging the~~ for engagement with the first engagement means, the door having a closed position in which the first and second engagement means are engaged so that the door is latched to the assembly; and

~~movable means for generating applying a force against at least one of the assembly and the door to press together and substantially prevent disengagement of the first engagement surface and the second engagement surface to maintain engagement of the first undercut feature of the assembly with the second undercut feature of the door to keep the door latched.~~

Claim 22 (canceled).

Claim 23 (original): The door locking system according to claim 21, further including a handle attached to the second engagement means.

Claim 24 (original): The door locking system according to claim 21, wherein the movable means includes an expandable member.

Claim 25 (original): The door locking system according to claim 24, wherein the expandable member is a bladder.

Claim 26 (original): The door locking mechanism according to claim 21, further including a pneumatic circuit for controlling the moving member.

Claims 27-29 (canceled).

Claim 30 (currently amended): The door locking system according to claim [[18]] 21, where the movable means is positioned between the door and the assembly.

Claim 31 (currently amended): The door locking system according to claim 21, wherein the movable means is capable of contacting and pressing against the operably coupled to contact at least one of the assembly and the door.

Claim 32 (currently amended): The door locking system according to claim 21, further comprising an element positioned between the movable means and the at least one of the assembly and the door, wherein the movable member contacts is operably coupled to contact the element when generating applying the force.

Claim 33 (original): The door locking system according to claim 32, wherein the element is a pump cassette.

Claim 34 (currently amended): A door locking method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

providing an assembly including a latching structure having a first engagement surface and a first overlap surface, the assembly coupled to a door, the door including a latch member having a second engagement surface and a second overlap surface, the door having a closed position in which the first engagement surface at least partially contacts the second engagement surface and the first overlap surface at least partially overlaps the second overlap

~~surface, the second engagement surface required to move beyond the first engagement surface in order to close and open the door engaging a first undercut feature of the assembly with a second undercut feature of the door when the door is in the closed position so that the door is latched to the assembly; and~~

~~moving a movable member to generate applying a force against at least one of the door and the assembly to press together and substantially prevent disengagement of the first engagement surface and the second engagement surface to maintain engagement of the first undercut feature of the assembly with the second undercut feature of the door to keep the door latched.~~

Claims 35-38 (canceled).

Claim 39 (currently amended): The door locking method according to claim 34, wherein ~~moving the movable member against one of the assembly and the door applying the force includes expanding an expandable member.~~

Claim 40 (currently amended): The door locking method according to claim 39 wherein the expandable member is a bladder, and wherein expanding the expandable member includes pneumatically operating the bladder.

Claims 41-43 (canceled).

Claim 44 (currently amended): The door locking method according to claim 34, wherein ~~moving the movable member applying the force includes placing the a movable member in contact with the at least one of the assembly and the door.~~

Claim 45 (currently amended): The door locking method according to claim 34, wherein ~~moving the movable member applying the force~~ includes placing ~~the~~ a movable member in contact with an element positioned between ~~the~~ at least one of the assembly and the door, such that a force is generated on ~~the~~ at least one of the assembly and the door.

Claim 46 (original): The door locking method according to claim 45, wherein the element is a pump cassette.

Claim 47 (new): A method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

engaging a first undercut feature of the assembly with a second undercut feature of the door when the door is in the closed position so that the door is latched to the assembly; and

inflating a bladder so as to prevent movement of the second undercut feature of the door relative to the first undercut feature of the assembly.